

ACCURACY

PERFORMANCE



ACCOUNTABILITY

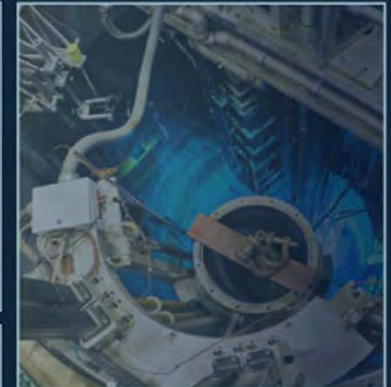


THE NUCLEAR MATERIALS MANAGEMENT AND SAFEGUARDS SYSTEM (NMMSS)

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# DOE Reconciliation

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# DOE/NNSA Reconciliation

## ■ Reconciliation

- Facility reported physical inventory balance matches NMMSS generated balances by Reporting Identification Symbol (RIS), material type, owner code, and project number
- Foreign obligations totals match NMMSS generated balances by country code and material type



# DOE/NNSA Reconciliation

## Why Reconcile?

- Confirms balance of SNM with audit trail of all accountable material reports
  - Balances generated from reported transactions compared to facility reported physical inventory
- Future Months cannot be closed in NMMSS until September closing
- NMMSS reports show facility balances for report recipients

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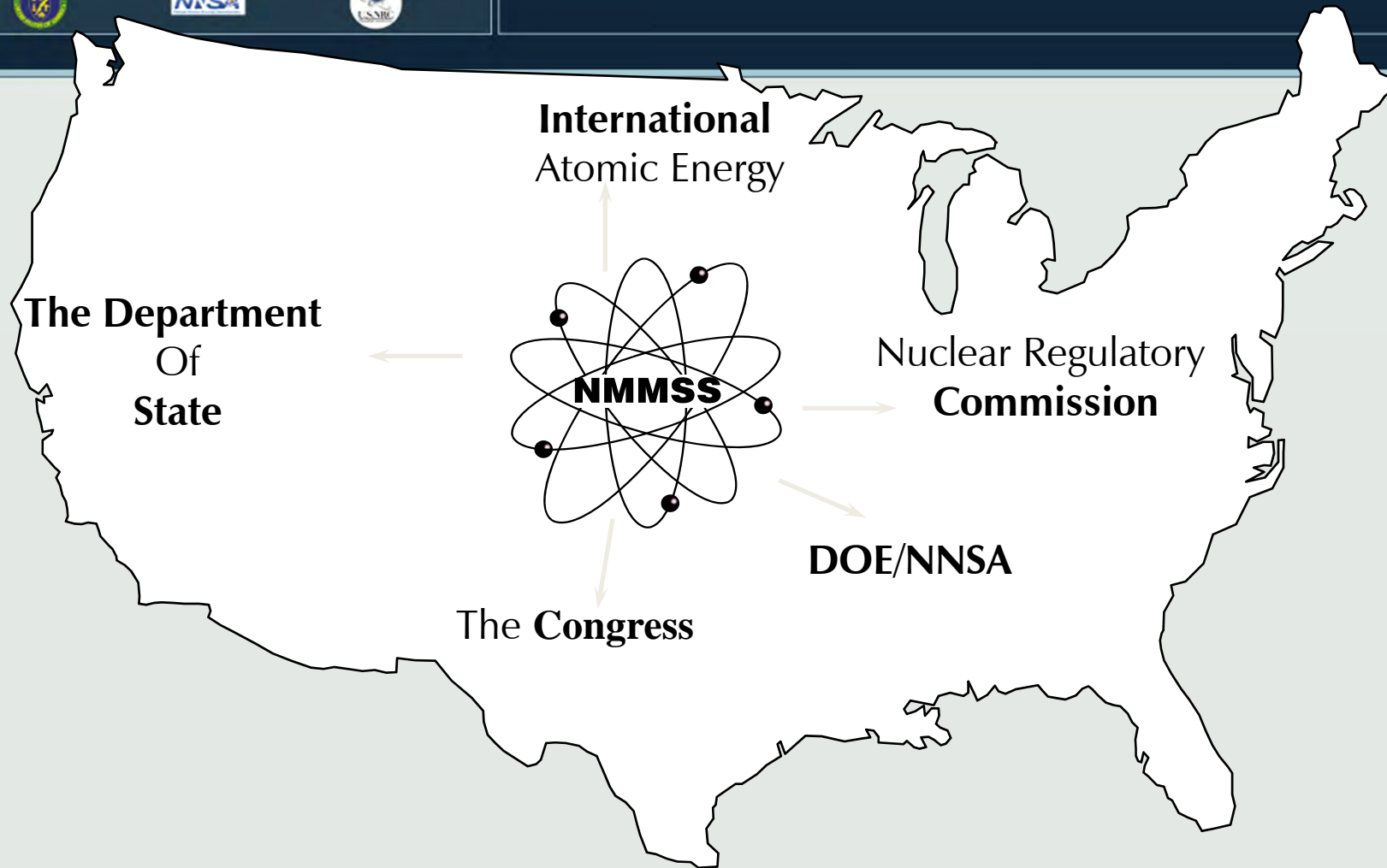
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# NMMSS Data Users





# DOE/NNSA Reconciliation

## ■ Steps for DOE Reconciliation

1. Facility submits physical inventory to NMMSS dated September 30 for each RIS
2. If NMMSS records show foreign obligation balance on IA-OBL-05 (Obligation Material Balance Report), facility is asked to confirm balances by country code and material type
3. NMMSS generates preliminary reports and informs facility of result
4. If differences exist, Preliminary NMMSS reports or differences sent to facility





## DOE/NNSA Reconciliation

5. Facility identifies source of discrepancy and makes appropriate adjustments to transactions or inventory balance
6. After new adjustments by facility, NMMSS generates preliminary reports and notifies facility of results
7. After all inventory differences have been resolved and foreign obligation totals verified, NMMSS informs facility that reconciliation is complete

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## DOE/NNSA Reconciliation

- Reconcile per DOE O 474.2 Chg 2: 11-19-2012
  - NMMSS User Guide-Rev. 2.0 April 2013
  - DOE M 470.4-6 Cancelled (Some sites continue to use as part of contractual obligation)

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# DOE/NNSA Reconciliation

- DOE/NNSA Reconciliation annually on September 30
- All RIS's with a NMMSS reportable quantity on September 30 must reconcile prior to NMMSS closing of September



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# DOE/NNSA Reconciliation

- September 30 inventory reporting
  - Transactions due by October 10
  - Site inventory due by October 15



# DOE/NNSA Reconciliation

## ■ Reconciliation Obstacles

### – Transactions

- Missing shipments and receipts
- Missing corrections
- Decay not reported
- Normal operating loss not reported
- Rounding not reported
- Incorrect dates reported
  - October instead of September



# DOE/NNSA Reconciliation

- Reconciliation Obstacles
  - Inventory
    - September 30 date not used
    - Project numbers
    - Missing lines
      - Total lines for each material type



# DOE/NNSA Reconciliation

## ■ Reconciliation Obstacles

### – Foreign Obligations

- Totals verified by country code and material type after physical inventory reconciliation completed
  - Email from facility verifying totals



# DOE/NNSA Reconciliation

- Reconciliation Obstacles
  - Transactions with September 30 or prior date sent to NMMSS after facility reconciliation completed and September is still open month
    - Facility notified that they are not reconciled

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## DOE/NNSA Reconciliation

- 49 facilities were required to reconcile September 2012
- September was closed on November 26, 2012
- Earliest close since 2007





## DOE/NNSA Reconciliation

- NMMSS Reconciliation Closing Dates
  - September 2008 was closed March 2009
  - September 2009 was closed January 2010
  - September 2010 was closed December 30, 2010
  - September 2011 was closed December 14, 2011
  - September 2012 was closed November 26, 2012



## DOE/NNSA Reconciliation

- September 2012 Facility Reconciliation
  - Almost half of facilities were reconciled on the date they reported
  - 80% of facilities were reconciled by October 22
  - Almost all of facilities were reconciled by October 31
- These results show timely/accurate reporting by facilities

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## DOE/NNSA Reconciliation

- When September is closed
  - Final September fiscal Year external reports generated and distributed (372 reports and 125 financial reports)
  - Next October 2012 was closed December 3, 2012 (Cannot be closed prior to September closing)
  - November 2012 closed on schedule December 21

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# DOE/NNSA Reconciliation

- Trends in recent years
  - More facilities comparing their facility balances with NMMSS records monthly/quarterly
    - Shortens reconciliation times



# DOE/NNSA Reconciliation

- Reports to help stay balanced during year
  - TJ-1X – Daily activity by facility
- Monthly reports and preliminary September reports
  - A-200 - Shows any differences
  - A-210 – Material balance by project number
  - M-742 – Material balance report
  - TJ-45 – Transactions
  - IA-OBL-05 – Foreign obligation balance

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# DOE/NNSA Reconciliation

# Questions?